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(74) Agent: PARKINSON, Neil, Scott; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

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(71) Applicant (for all designated States except US): COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS (GB/GB); Daresbury Laboratory, Daresbury, Warrington, Cheshire WA4 4AD (GB).

(72) Inventors; and

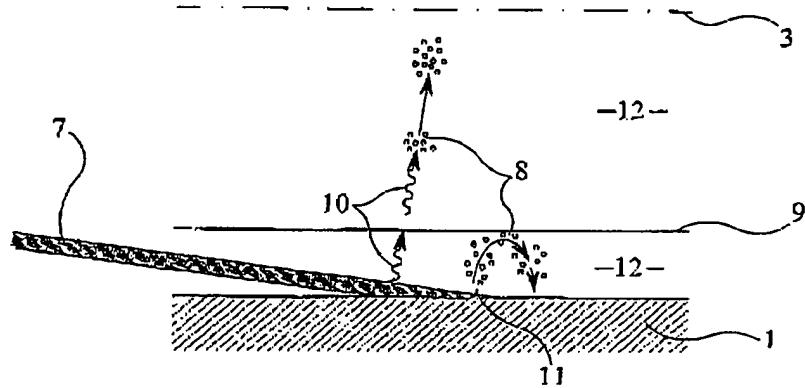
(75) Inventors/Applicants (for US only): BATEMAN, James, Edmond (GB/GB); 5 The Orchard, Badswell Lane, Appleton, Abingdon, Oxon OX13 5ZF (GB). DERBYSHIRE, Gareth (GB/GB); CCLRC, Rutherford Appleton Laboratory, Chilton, Didcot, Oxon OX11 0QX (GB).

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(54) Title: IONISING PARTICLE ANALYSER ENABLING FOR EXAMPLE THE SEPARATION OF THE FLUORESCENT YIELD (FY) AND THE TOTAL ELECTRON YIELD (TEY) IN EXAFS (EXTENDED X-RAY ABSORPTION FINE STRUCTURE) MEASUREMENTS



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(57) Abstract: An ionising particle analyser comprises a source of ionising particles, a charged particle detector, and an ionisable gas located between the source and the detector. The analyser further comprises a charged particle impeding device located between the source and the detector. The charged particle impeding device is arranged to be maintained in a first configuration at a potential to impede the passage of charged particles and pass uncharged particles.

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